

IKKy Rabbit pAb

Catalog No.: A0917 **3 Publications**

Basic Information

Catalog No.

A0917

Observed MW

50kDa

Calculated MW

36kDa/48kDa/55kDa

Category

Primary antibody

Applications

WB, IHC, IF

Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

WB	1:500 - 1:2000
IHC	1:50 - 1:100
IF	1:50 - 1:200

Contact

 | www.abclonal.com

Background

This gene encodes the regulatory subunit of the inhibitor of kappaB kinase (IKK) complex, which activates NF-kappaB resulting in activation of genes involved in inflammation, immunity, cell survival, and other pathways. Mutations in this gene result in incontinentia pigmenti, hypohidrotic ectodermal dysplasia, and several other types of immunodeficiencies. A pseudogene highly similar to this locus is located in an adjacent region of the X chromosome.

Immunogen Information

Gene ID	Swiss Prot
8517	Q9Y6K9

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-419 of human IKKy (NP_003630.1).

Synonyms

IKBKG;AMCBX1;FIP-3;FIP3;Fip3p;IKK-gamma;IKKAP1;IKKG;IMD33;IP;IP1;IP2;IPD2;NEMO;ZC2HC9

Product Information

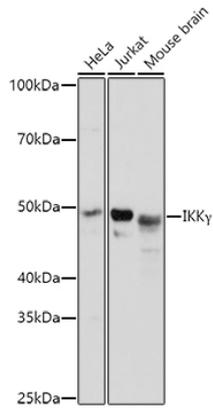
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

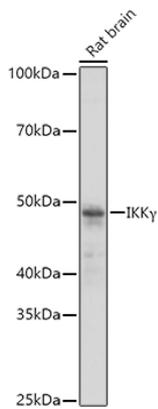
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

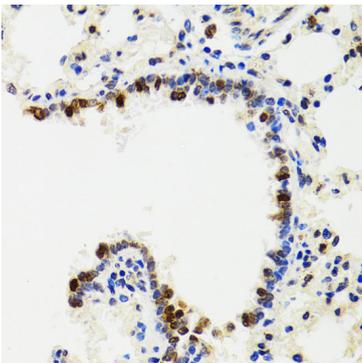
Validation Data



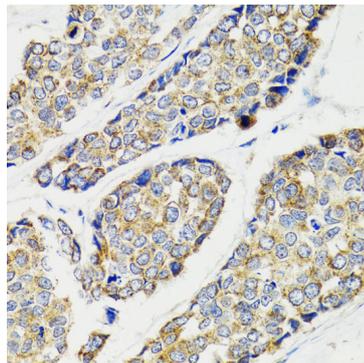
Western blot analysis of extracts of various cell lines, using IKK γ antibody (A0917) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.



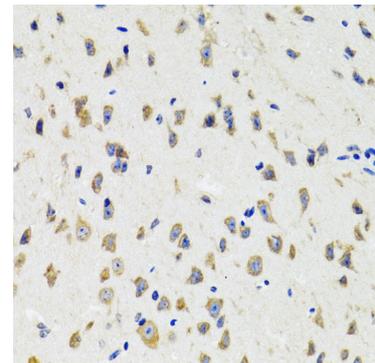
Western blot analysis of extracts of Rat brain, using IKK γ antibody (A0917) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



Immunohistochemistry of paraffin-embedded rat lung using IKK γ antibody (A0917) at dilution of 1:100 (40x lens).

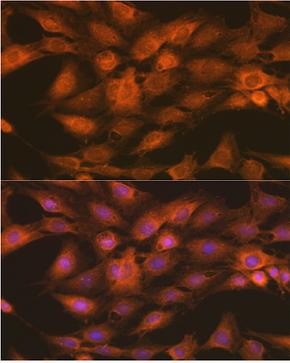


Immunohistochemistry of paraffin-embedded human esophageal cancer using IKK γ antibody (A0917) at dilution of 1:100 (40x lens).

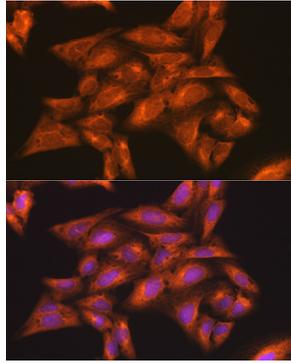


Immunohistochemistry of paraffin-embedded mouse brain using IKK γ antibody (A0917) at dilution of 1:100 (40x lens).

Validation Data



Immunofluorescence analysis of C6 cells using IKKy Rabbit pAb (A0917) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using IKKy Rabbit pAb (A0917) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.